



## RR 363

Heavy Duty DOT3 Brake Fluid

### Description

Castrol RR363 is a synthetic central hydraulic fluid. It is formulated from mixed polyalkylene glycol ethers and corrosion inhibitors to exceed the requirements of SAE J1703, FMVSS116 DOT3 and ISO 4925 brake fluid specifications.

### Application

Castrol RR363 is specially designed for use in powered hydraulic systems requiring a glycol ether type fluid, such as those used in Rolls Royce vehicles manufactured prior to 1980, having a chassis number of less than 50000. It is the only fluid approved by Rolls Royce for use in this application. Although Castrol RR363 is miscible with conventional synthetic brake fluid, this fluid should not be used for topping up, as this practice may lead to serious reduction in fluid performance. This fluid is also suitable for use in place of LHS2 in pre 1966 Citroen models fitted with a black reservoir.

Castrol RR363 is specially formulated to be compatible with neoprene hoses used in certain Rolls Royce braking systems as well as other elastomers used in conventional automotive braking systems.

Castrol RR363 contains a balanced mix of additives to impart excellent corrosion protection to the various metals used in a braking system. Castrol RR363 has exceptional lubricity properties which are necessary in the severe fluid environment of a powered hydraulic system. This has the effect of reducing pump wear, noise and prolonging the service life of the system. It is strongly recommended that the fluid is changed regularly according to the vehicle manufacturer's advice.

NB As with other brake fluids, Castrol RR363 will have a damaging effect on paintwork. In case of spillage rinse the affected area with water immediately- do not wipe.

### Typical Characteristics

Name	Method	Units	Castrol RR363
Appearance	Visual	-	Pale yellow fluid
Mineral Oil Content	BAM 066	% wt	< 0.025
Viscosity, Kinematic -40°C	ASTM D445	mm <sup>2</sup> /s	1450 max
Water	ASTM D1123	% wt	0.02
ERBP (Equilibrium Reflux Boiling Point)	SAE J1703	°C	245
Density @ 15°C	IP 160	g/ml	1.039

RR 363 is exclusively manufactured for Rolls Royce and Bentley vehicles.

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16 Jul 2015

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